Unit 2 Review

These topics will be covered on this test: Photosynthesis and Cellular Respiration, Food Chains and Food Webs, the Trophic Pyramid, and Biomes.

1. What is Photosynthesis? Include as much detail as you can in your answer.

2. What is the chemical equation for Photosynthesis?

3. What is Cellular Respiration? Include as much detail as you can in your answer.

4. What is the chemical equation for Cellular Respiration?

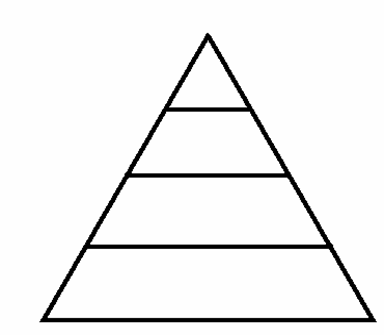
5. What energy changes take place during Photosynthesis and Cellular Respiration?

6. How are Photosynthesis and Cellular Respiration related?

7. What are the 6 steps of the food chain?

8. Which are better: food chains or food webs? Why?

9. Fill in the levels of the trophic pyramid.



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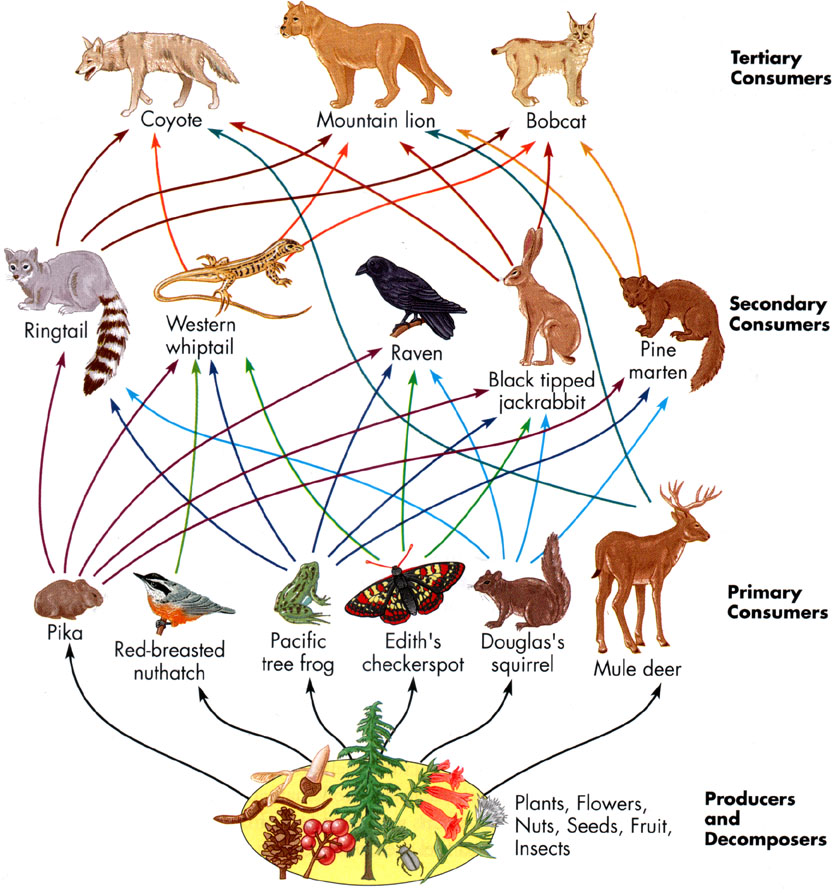
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10. Write in an example of an organism for each level of the trophic pyramid above.

11. What happens to the amount of energy that gets passed on from one level to the next as you move up the pyramid? Why?

Use the Food Web to answer the questions.



12. What does the Raven eat?

13. Who eats the Pine Marten?

14. Who has the most variety in their diet?

15. Who has the most predators?

16. Write out one food CHAIN that you see in the food web. (stop after carnivore)

17. Write out 3 relationships that you see in this food web.

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